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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,807	02/22/2002	David Bau III	109870-130103	2054
25943	7590	07/30/2007	EXAMINER	
SCHWABE, WILLIAMSON & WYATT, P.C. PACWEST CENTER, SUITE 1900 1211 SW FIFTH AVENUE PORTLAND, OR 97204			HOANG, PHUONG N	
ART UNIT		PAPER NUMBER		
		2194		
MAIL DATE		DELIVERY MODE		
07/30/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Office Action Summary	Application No.	Applicant(s)
	10/082,807	BAU ET AL.
	Examiner Phuong N. Hoang	Art Unit 2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 03 May 2007.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) See 8 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) _____ is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) 1 - 2, 4 - 9, 12 - 23, 25 - 37, 43 - 44, 46 - 51, 54 - 65, 67 - 79 are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____

WILLIAM THOMSON
WILLIAM THOMSON
Examiner
4) Interview Summary (PTO-413) Paper No(s)/Mail Date _____

- 4) Interview Summary (PTO-413) Paper No(s)/Mail Date _____
- 5) Notice of Informal Patent Application
- 6) Other: _____

Continuation of Disposition of Claims: Claims subject to restriction and/or election requirement are 1 - 2, 4 - 9, 12 - 23, 25 - 37, 43 - 44, 46 - 51, 54 - 65, 67 - 79.

DETAILED ACTION

1. Claims 1 - 2, 4 - 9, 12 - 23, 25 - 37, 43 - 44, 46 - 51, 54 - 65, 67 – 79 are pending for examination.

Election/Restrictions

2. Restriction is required under 35 U.S.C. 121 and 372.
3. This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

I. Group I, claims 1 – 2, 4 – 9, 43 – 22, 46 - 51, drawn to a declaration method of web service between client/server, classified in class 717, subclass 117.

II. Group II, claims 12 – 19, 54 - 61, drawn to a callback and mapping method of client/server, classified in class 717, subclass 136.

III. Group III, claims 20 – 23, 25 – 29, 62 – 65, 67 – 71, drawn to a callback method with an external web service, classified in class 717, subclass 124.

IV. Group IV, claims 30 – 37, 72 – 79, drawn to a method of using intermediate code to communicate with external service, classified in class 717, subclass 146.

4. Inventions Group I, II, III, and IV are related as subcombinations disclosed as usable together in a single combinations. Group I is drawn to a declaration method of web service between client/server. Group II is drawn to a callback and mapping method of client/server. Group III is drawn to a callback method with an external web service. Group IV is drawn to a method of using intermediate code to communicate with external service. The subcombinations are distinct from each other if they are shown to be separately usable. In the instance case, inventions of Group I, II, III, and IV have separate utility such as the search for Group I invention is not required for Group II, III, and IV and vice versa. See MPEP § 806.05(d).
5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
6. A complete response, whether with or without traverse must include the withdrawal of all non-elected groups of claims.
7. No telephone communication was made due to the complexity of this requirement for restriction. See MPEP 812.01

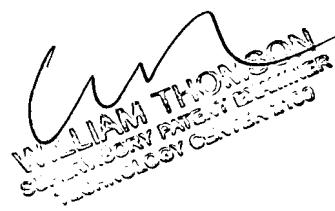
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8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong N. Hoang whose telephone number is (571)272-3763. The examiner can normally be reached on Monday - Friday 9:00 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on 571-272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ph
July 20, 2007



WILLIAM THOMSON
Supervisory Patent Examiner
Customer Service Representative